COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

APL Reference No. 3108-10

Product Evaluation Coordinator
Colorado Department of Transportation
4670 North Holly Street, Unit A
Denver, Colorado 80216

Material code: 708.08.01.00

FOR INTERNAL CDOT USE

Material code description full name: Paint, Structural Concrete Coating

PART 1

Product name: D.O.T. Texture Acrylic Coating (B42W800 Series)

Product category: Paint/Coatings\Structural Concrete Coating

Product representative (name & address):
Attn: Greg Hansen
The Sherwin-Williams Company
543 Santa Fe Dr.
Denver, CO 80204
Phone: (303) 893-1303 FAX: (303) 893-1307

Manufacturer (name & address):
Attn:
The Sherwin-Williams Company
101 Prospect Ave. N.W.
Cleveland, OH 44115
Phone: (216) 566-2000 FAX: (440) 846-1989

Web-site address: www.sherwin-williams.com

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Description of the product: (Include specific quantifiable details from tech data sheet. Advertising generalities are not appropriate.)

D.O.T. Texture Acrylic Coating is a heavy duty, VOC compliant, 100% acrylic aggregate-filled coating with outstanding color retention and durability. It can be used directly over numerous substrates. Meets performance of TT-P-29, chemical resistant, fast dry, resists mildew and fungus growth. It has a Low Eg-Shel sheen and can be colored to pastel colors. Dry "to touch" in 30 minutes to 1 hour and "to recoat" in 2 hours at 77°F and 50% relative humidity. VOC (EPA Method 24) 55 g/L; 0.46 lb/gal (unreduced). Tested for and passed: impact resistance, water vapor permeability, water vapor transmission, freeze / thaw resistance, adhesion, taber abrasion, flexibility, fungus growth.

D.O.T. Texture Acrylic Coating (B42W800 Series) includes both SWD Bridge & Highway Texture Acrylic Coating (B42W810) & SWD Bridge & Highway Fine Texture (B42W801).

Restrictions, (installation and/or use):

Minimum application temperature 45°F and a maximum application temperature of 110°F. Relative humidity 85% maximum.

Use of the product, (be specific to CDOT highway activities only):

Acceptable applications include: concrete barriers, sound walls, bridges, slope paving, barrier walls and bridge abutments with excellent long-term results.

Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value then other manufacturer's products):

Improves aesthetics of the structure by providing uniform color appearance and the ability to hide small defects. It has outstanding durability, chemical resistance and color retention with long-term results.

Specifications, (listing those applicable is required) **& Certificate of Compliance** (required to certify compliance with listed specifications):

- ☐ CDOT :
- ☒ ASTM : D165, D2794, E96, G23, G155, B117, D2246, D3359, D6040, D522, D1308, D3273-00
- ☐ AASHTO :
- ☐ FHWA :
- ☒ other : TT-C-555B

Product testing, (from national/independent laboratories or universities) **& Certified Test Report** (CTR required to validate all claims):

- ☐ NTPEP-AASHTO :
- ☐ FHWA :
- ☒ other : Sherwin-Williams Lab (9-11-2009)
- ☒ other : Weldon Laboratories, Inc. (5-08-2007), Kentucky Transportation Center (June 2006)

State DOT Approvals, (current documentation required):

Georgia, Oklahoma, South Carolina

Sample submitted: ☐ yes ☒ no ☐ n/a

Materials Safety Data Sheets (MSDS): ☒ yes ☐ no ☐ n/a

Notes/Additional Comments

Samples available upon request. Product has been used on a project by project basis by CDOT for over 7 years.